

Power Reactor	Event Number: 42762
Facility: KEWAUNEE Region: 3 State: WI Unit: [1] [] [] RX Type: [1] W-2-LP NRC Notified By: DAVID KARST HQ OPS Officer: JASON KOZAL	Notification Date: 08/10/2006 Notification Time: 16:40 [ET] Event Date: 08/10/2006 Event Time: [CDT] Last Update Date: 08/11/2006
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): THOMAS KOZAK (R3)

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	100	Power Operation

Event Text

ELEVATED TRITIUM LEVELS IN ONSITE SAMPLE LOCATIONS

"At 1400 on 8/10/06 KPS [made] a notification to the State and Local Government that samples taken at settling plugs in the basement of the Auxiliary Building and Turbine Building show elevated tritium levels. Detected tritium levels were between 6,000 and 103,000 pico curies per liter. The Radiological Effluent Program has not detected any elevated tritium levels outside the plant. RCS leakage is .19 gpm, stable and within Technical Specification limits and there is currently no identified leakage from the Spent Fuel Pool.

Investigation is continuing to identify the reason for the increase in tritium levels."

The licensee notified the following agencies:

State of Wisconsin: Department of Emergency Management and Department of Natural Resources Regional Office

County governments: Kewaunee County Emergency Director and Manitowoc County Emergency Director

The licensee notified the NRC Resident Inspector.

* * * UPDATE PROVIDED BY KARST TO KOZAL ON 8/10/2006 AT 1839 * * *

The licensee is planning a press release concerning the elevated tritium levels. This press release will be issued the morning of 8/11/2006.

Notified R3DO (Kozak), NRR EO (Nieh), IRD (Wilson), R3 OPA (Mitlyng), HQ OPA (Hayden)